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贺兰山孩儿参属(石竹科)一新种*

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A NEW SPECIES OF *PSEUDOSTELLARIA* (CARYOPHYLLACEAE) FROM HELAN MOUNTAINS

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Key words *Pseudostellaria*; *P. helanshanensis*
关键词 孩儿参属;贺兰山孩儿参

贺兰山孩儿参 新种 图1

Pseudostellaria helanshanensis W. Z. Di et Y. Ren, sp. nov.

Differt a *P. japonica* (Korsh.) Pax caulibus multiramosis inferne serpentibus ad nodos radicantibus superne ascendentibus, foliis conspicue petiolatis, staminibus 8, stylis 2, capsulis 4-valvaceis.

Herba 5—10 cm alta. Tubera radicalia singularia vel nonnulla aggregata, 1—2 cm longa, 2—4 mm diam., purpurascentia, Caulis gracilis, multiramosus, inferne serpens, ad nodos radicans, superne ascendens, pubibus bifariis, ramis axillaribus brevissimis. Folia multiformia, inferiora 1—2-juga anguste elliptica, 15—25(−45) mm longa, 4—6(−12)mm lata, apice acuta, basi in petiolum attenuata, juventute utrinque pilosa; folia mediana et superiora ovata vel late ovata, 1—2.5 cm longa, 6—15 mm lata; folia ramulorum axillium valde abbreviatorum lanceolata, 3—4 mm longa, vix 1 mm lata, sessilia. Flores chasmogami singulares, terminales, fertili; sepala 4, anguste elliptica, c. 3 mm longa, c. 1.5 mm lata; petala 4, alba; stamina 8; ovarium ovoideum, stylis 2. Flores cleistogami in axillis foliorum ramulorum valde abbreviatorum singulares, fertili; sepala 4; petala nulla; stamina 2; ovarium ovoideum. Capsulae ovoideae, c. 4 mm longae, c. 3 mm diam. purpurascentimaculatae, 4-valvaceae. Semina subreniformia, c. 1.5 mm longa, brunnea, multipapillulata, processis late conicis serialibus apice setum unum brevem gerentibus.

Nei Monggol (内蒙古): Helanshan (贺兰山), Shuimogou (水磨沟), prope fossam solum humidam, alt. 2850 m, 22 VIII 1985, Ren Yi (任毅) 0051 (Typus: WNU); ibidem, alt. 2770—3000 m, Di Wei-zhong (狄维忠) 858029, 858033, Zhong Ming-jin (仲铭锦) 0091, 0092, Liao Wen-bo (廖文波) 858034, EHNWU (西北大学贺兰山植物

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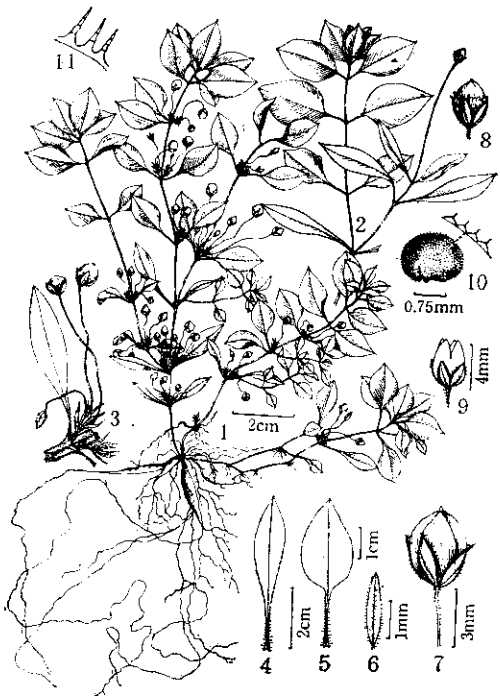

图 1　贺兰山孩儿参 *Pseudostellaria helanshanensis*　1. 植物体 Plant; 2. 枝，示开放花所结的果 Branch with fruit from opening flower; 3. 茎节部放大，示短缩枝 Magnified node of stem, showing the abbreviated branch; 4—6. 不同叶型 Different forms of leaves; 4. 茎下部叶 Leaf in lower part of the stem, 5. 茎中上部叶 Leaf in middle and upper part of the stem, 6. 短缩枝上的叶 Leaf in the abbreviated branch; 7. 闭锁花所结的果 Fruit from the unopening flower; 8. 开放花所结的果，示保留的花瓣及雄蕊 Fruit from the opening flower, showing the remaining incomplete petal and stamen; 9. 开裂的果实 Dehiscenced fruit; 10. 种子 Seed; 11. 表皮毛放大 Magnified hairs.

调查队) 6515。

草本，高 5—10 cm。块根单生或数个簇生，长 1—2 mm，直径 2—4 cm。茎纤细，被 2 列柔毛，多分枝，近地面处常匍生，节上生根，叶腋具短缩枝。叶多型：下部 1—2 对叶狭椭圆形，长 15—25(—45) mm，宽 4—6(—12) mm，先端锐尖，基部渐狭成柄，幼时两面疏生柔毛；中上部叶的叶片卵形或宽卵形，长 1—2.5 cm，宽 6—15 mm；短缩枝上的叶披针形，长 3～4 mm，宽不足 1 mm，无柄。开放花单生枝端，可育；萼片 4，狭椭圆形，长约 3 mm，宽约 1.5 mm；花瓣 4，白色；雄蕊 8 枚；子房卵形，花柱 2。闭锁花单生短缩枝叶腋，可育；无花瓣；雄蕊 2 枚。蒴果卵球形，长约 4 mm，直径约 3 mm，具紫色斑点，4 瓣裂。种子近肾圆形，长约 1.5 mm，深棕色，表面具成行的阔圆锥状突起，突起顶端具短刚毛 1 根。花期 6—7 月，果期 7—8 月。

本种与 *Pseudostellaria japonica* (Korsh.) Pax 近缘，但茎多分枝，近地面处常匍生，节上生根，上部斜升；叶明显具柄；雄蕊 8 枚；花柱 2 枚；蒴果 4 瓣裂而易于区别。